

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|---------|---------------------|
| S1 | 1 | "10587105" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:41 |
| S2 | 2 | "20080230694" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:42 |
| S3 | 235839 | (beam and optical and component) or (charged and particle and lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:45 |
| S4 | 4344 | S3 and ((align\$4 with (opening or aperture or hole or slit or space)) same axis) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:47 |

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| S5 | 2931 | S4 and (driv\$4 or (stepper with motor)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:49 |
| S6 | 78 | S5 and (focus\$4 with (charged adj particle adj beam)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:50 |
| S7 | 60 | S6 and microscop\$4 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:51 |
| S8 | 4 | US-5258617-\$.DID. OR US-6194730-\$.DID. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:58 |
| S9 | 2 | "6590210".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 13:59 |
| S10 | 2 | US-2581446-\$.DID. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 14:04 |

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| S11 | 3 | "3560781".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 14:05 |
| S12 | 327 | (frosien-j\$).in. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 22:21 |
| S13 | 24545 | S12 and (beam and optical and component) or (charged and particle and lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 22:21 |
| S14 | 6 | S12 and (beam adj optical adj component) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 22:22 |
| S15 | 676 | (ict).as. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 22:33 |
| S16 | 3 | S15 and (beam adj optical adj component) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 22:34 |

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| S17 | 10784 | ((250/307,398,491.1,397,492.3,505.1) or (850/9,10,12,18)).ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 22:35 |
| S18 | 6 | S17 and (beam adj optical adj component) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/23 22:35 |
| S19 | 248217 | (beam and optical and component) or (charged and particle and lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 12:06 |
| S20 | 590 | S19 and (electrode with (multiple or plurality) with (opening or slit or hole)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 12:07 |
| S21 | 105 | S19 and (electrode near4 (multiple or plurality) near4 (opening or slit or hole)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 12:07 |
| S22 | 0 | (yoshiaki-akama\$).in. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 12:19 |

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| S23 | 0 | (masakazu-hayashi\$).in. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 12:19 |
| S24 | 2 | "5500528".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 12:23 |
| S25 | 2 | "7675042".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 12:38 |
| S26 | 190 | (electron with microscop\$3) same (electrostatic with field with lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:02 |
| S27 | 3 | S26 and (electrode near4 (multiple or plurality) near4 (opening or slit or hole)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:03 |
| S28 | 3 | S26 and (electrode near4 (multiple or plurality) near4 (opening)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:05 |

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| S29 | 14 | (electron with microscop\$3) same ((multiple or plurality) with electrostatic with field with lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:09 |
| S30 | 2 | (electron with microscop\$3) same ((multiple) with electrostatic with field with lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:14 |
| S31 | 0 | (electron with microscop\$3) same (electrode with multiple with opening) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:17 |
| S32 | 13 | (electron with microscop\$3) and (electrode with multiple with opening) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:17 |
| S33 | 4 | (electron with emission with microscop\$3) and (electrode with multiple with opening) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:27 |
| S34 | 4428 | (electron near4 emission near4 microscop\$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:28 |

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| S35 | 10 | S34 and (electrode with (multiple or plurality) with (opening or slit or hole)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:28 |
| S36 | 4645 | (electron near4 emission near4 microscop\$3) or PEEM | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:29 |
| S37 | 10 | S36 and (electrode with (multiple or plurality) with (opening or slit or hole)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:29 |
| S38 | 293 | PEEM | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:30 |
| S39 | 0 | S38 and (electrode with (multiple or plurality) with (opening or slit or hole)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:30 |
| S40 | 2 | S38 and (electrode with opening) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:30 |

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| S41 | 3 | S38 and (electrode with (multiple or plurality)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:32 |
| S42 | 1437 | EEM | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:34 |
| S43 | 19 | S42 and (electrode with (multiple or plurality)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:35 |
| S44 | 5860 | (electron near4 emission near4 microscop\$3) or EEM | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:37 |
| S45 | 235 | S44 and (electrode with (multiple or plurality)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 13:37 |
| S46 | 37 | S45 and (electrode with opening) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | OFF | 2011/04/09 13:37 |

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| S47 | 234419 | (siemens).as. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 17:59 |
| S48 | 249723 | S47 adn (microscope with electrostatic with lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 17:59 |
| S49 | 7 | S47 and (microscope with electrostatic with lens) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:00 |
| S50 | 347 | (frosien-j\$).in. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:05 |
| S51 | 4 | S49 and S50 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:05 |
| S52 | 2 | "4896036".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | OFF | 2011/04/09 18:06 |

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| S53 | 0 | S48 and (in-situ near replace) \$4) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:36 |
| S54 | 7 | S48 and (rim near thickness) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:36 |
| S55 | 21 | S48 and (rim near4 thickness) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:37 |
| S56 | 4428 | (electron near4 emission near4 microscop\$3) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:38 |
| S57 | 5 | S56 and (rim near4 thickness) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:38 |
| S58 | 0 | S56 and (in-situ near4 replace\$4 near4 electrode) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | OR | OFF | 2011/04/09 18:39 |

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| S59 | 20 | S56 and (replac\$4 near4 electrode) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/09 18:39 |
| S60 | 4 | "3714422".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/18 19:42 |
| S61 | 2 | "6534766".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/18 19:42 |
| S62 | 3 | "3560739".pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/04/18 19:43 |
| S63 | 16 | ("2436676" "2617041" "2627589" "3585382"). PN. OR ("3714422").URPN. | US_PGPUB; USPAT; USOCR | OR | OFF | 2011/04/24 16:28 |
| S64 | 1 | "20030122076" | US_PGPUB; USPAT; USOCR | OR | OFF | 2011/04/24 16:42 |
| S65 | 1 | "7186975".pn. | US_PGPUB; USPAT; USOCR | OR | OFF | 2011/04/24 16:43 |
| S66 | 2 | "20020079448" | US_PGPUB; USPAT; USOCR | OR | OFF | 2011/04/24 16:49 |

EAST Search History (Interference)

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